OCT 19 2018

Ms. Katie Praedel
Air Monitoring Section Chief – Air Management
Wisconsin Department of Natural Resources
101 S. Webster Street
PO Box 7921
Madison, Wisconsin 53707-7921

Dear Ms. Praedel:

The purpose of this letter is to respond to your request for concurrence with the siting recommendation for a sulfur dioxide (SO_2) air quality monitor near the Expera Thilmany Mill facility, located in Outagamie and Calumet counties of Wisconsin. The monitor is being sited in response to the designation process detailed in EPA's Data Requirements Rule for SO_2.

We have reviewed WDNR's September 2016 modeling addendum document containing air quality modeling conducted by the facility and WDNR, and agree that the area north of the Expera Thilmany Mill facility and a neighboring quarry is the best location for a monitor. This site is represented by the black and white circle in the first figure of the WDNR modeling addendum.

While this letter confirms our agreement that the proposed monitor site is acceptable based on air quality modeling conducted in accordance with EPA's Monitoring Technical Assistance Document and site specific accessibility information, this letter does not confirm that the proposed site will meet each of the monitor siting requirements specified in 40 CFR part 58 Appendix E. Prior to beginning installation, WDNR should evaluate and ensure this site will meet those criteria and provide Region 5 with the results of your monitor siting assessment showing that all criteria will be able to be met at this proposed location.

Thank you for the advanced coordination on the siting of this monitor. If you have any questions or need additional information, please contact Randy Robinson at 312 353-6713 or Vijay Limaye at 312 886-0681.

Sincerely,

Michael Compher
Chief
Air Monitoring and Analysis Section

From:	Praedel, Katie - DNR <Katie.Praedel@wisconsin.gov>
Sent:	Friday, September 23, 2016 1:45 PM
To:	Nwia, Jacqueline; Compher, Michael
Cc:	Estano, David A - DNR; Treutel, Jason A - DNR; Lohr, Jason A - DNR
Subject:	Request for Concurrence on Siting recommendation for SO2 monitor
Attachments:	ArcelorMittalBH.SO2letter.pdf; Expera Monitor Siting Specifications (160923)-1.docx

Hello Jackie and Michael,

Please consider our recommendation on the placement of the SO2 sampling site in Kaukauna, WI to meet the SO2 Data Requirements Rule. We have worked with the source, contractor and neighboring quarry to locate a site in the vicinity of the hot spot identified in our modeling addendum. See Attached.

It would be helpful if you could please grant concurrence that this site is acceptable with regard to modeling to inform monitoring. I understand that you will not be able to grant concurrence that the site meets general siting criteria. If you would be interested in setting up a site visit prior to Dec 1 please let me know. If you have any questions don't hesitate to call or email.

Thank you,

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Katie Praedel
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dnr.wi.gov

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Expera Thilmany Mill

Kaukauna, Wisconsin

SO_2 DRR Ambient Monitoring Program

Proposed Monitoring Site

General Site Characteristics

Distance from modeled point of maximum impact to sample cane inlet: 72 meters
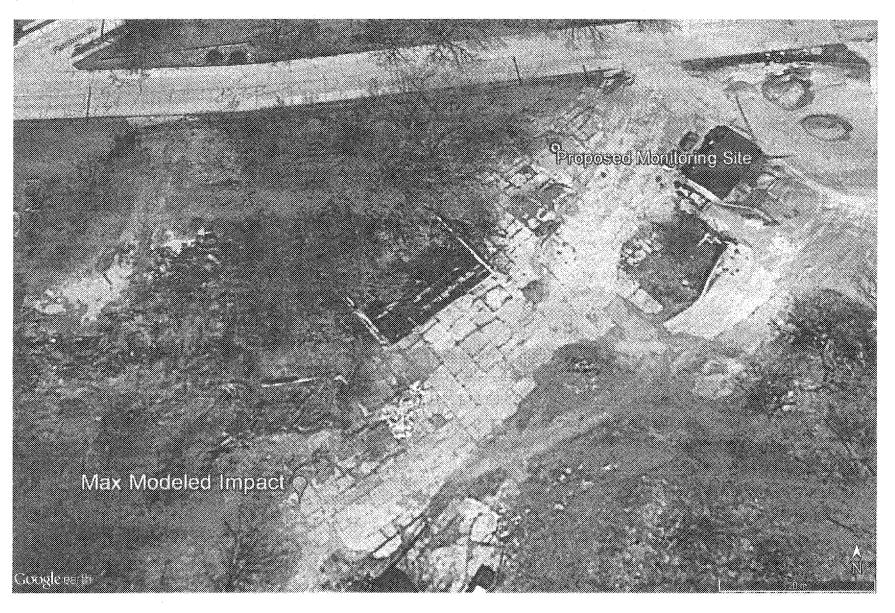
Distance from nearest tree (located to NW) drip line to sample cane inlet: 12 meters, though this will increase as trees are trimmed for site preparation

Approximate height of nearest significant trees (located to NNE): 8 meters

Angle of unobstructed field: 280 degrees (including direction to subject SO_2 emission source)

Probe inlet height: 5 meters

Site Location Detail

View Towards Expera from Monitoring Location

Expera Stack